



## Technical specifications:

|  |   |
|--|---|
| Field of application   | Standard (not hygienic)                               |
| Kinematics   | Parallel  |
| Translatory Degrees of Freedom (X,Y,Z)                       | 2   |
| Rotational Degrees of Freedom ( $\alpha, \beta, \gamma$ )    | 0   |
| Nominal payload [kg lbs] *                                   | 15   33.1   |
| Working area-width [mm in]                                   | 750   29.5  |
| Working height outside [mm in]                               | 300   11.8  |
| Working height center [mm in]                                | 370   14.6  |
| Bearing type of the arm joints                               | Roller bearing  |
| Lubricants of the bearings                                   | Food-grade (FO)                                       |
| Lubricants of the gearboxes                                  | Food-grade (FO)                                       |
| Cleaning   | No high pressure                                      |
| Ambient temperature [°C °F]                                  | 0 to +40   +32 to +104                                |
| Relative humidity level [%]                                  | 95 (free of condensation)                             |
| Mounting position  | Floor, Ceiling, Wall (on request), Angle (on request) |
| Robot weight without drive engineering (esp. drive) [kg lbs] | 49   108.0  |

\* All given values are nominal values (nominal payload referred to a nominal performance) and can vary under realworld conditions depending on the application (tool specifications, load distances, reduction (partly) of the nominal performance when using food-grade lubricants, ...). Please consider our technical data sheets regarding the load capacity.

## Gearbox article number for this robot mechanics:

| Function                | Article number       | Document                              |
|-------------------------|----------------------|---------------------------------------|
| Drive of the upper arms | MT_BGR00015048-xx-FO | Operating manual gearbox type 3 (PDF) |